

PATENT ABSTRACTS OF JAPAN

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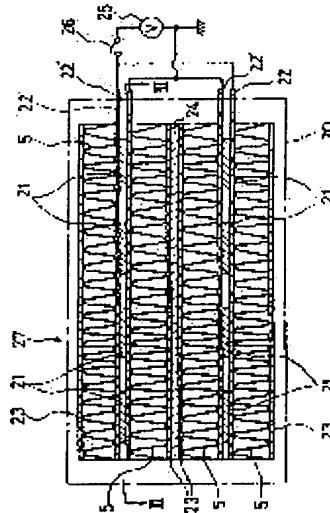
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(54) AIR HEATING DEVICE

(57)Abstract:

PURPOSE: To enable heating and defrosting speedily and efficiently by providing an air leading-in part, an electric heater for heating the led-in air and a leading-out part for leading out the heated air.

CONSTITUTION: Radiating fins 5 are welded between a stationary plates 23 and electrode plates 22 as well as PTC heating elements 21 are interposed among the respective facing electrode plates 22 so as to form one block. Furthermore, two blocks are disposed vertically in a case 20 as well as an insulating plate 24 is interposed between these blocks so as to form a heating device 27. The generated heat is transmitted to the fins 5 by activating the PTC heating elements 21 under the load dispatched from a battery 25. Accordingly, the air that is led in from a leading-in part and passes through among the fins 5 is heated, and this heated air is led out from a leading-out part. As a result, heating and defrosting can be done speedily as well as efficiently.



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